INDEX TO VOLUME 20

PAGE

Abnormalities and Deformities: See also under Bladder; Kidney
congenital.....163, 1033
lumbosacral deformities 1036

Abscess, subphrenic; suppuration in subphrenic region with reference to primary idiopathic liver and subphrenic abscess 317

Acetabulum: See also Hip joint
intrapelvic protrusion of.....1056
perforating fractures of.....1050

Actinomycosis, renal 532

Adenomas, multiple, malignant, of kidney.. 240

Amyloidosis, goitrous enlargement of thyroid gland due to amyloidosis..... 762

Andrus, W. DeW.: Effects of certain operations on esophagus of dog, including esophageal obstruction and complete esophageal fistula..... 1

Anesthesia in urologic surgery..... 703

Ankle, arthrodesis of ankle joint.....1046
osteoplastic surgical exposure of ankle joint 1046

Anomaly: See Abnormalities and Deformities

Artery, axillary, occlusion of, due to pressure by crutch, 2 cases.....314

Arthritis 169, 1037, 1042
chronic, synovectomy in..... 345
experimental 1054

Arthrodesis: See under Joint

Arthropathy: See under Joint

Ashhurst, A. P. C.: Operative surgery of hip joint 87

Back, pain in back, sciatic pain and spondylitis 1036

Bacteremia 708

Bargen, J. A.: Inflammatory cecal tumors; diagnosis of types of obscure etiology.. 832

Bell, L. P.: Carcinoma of large bowel not including rectum and rectosigmoid; choice of operative procedure..... 491

Berg, B. N.: Biliary and hepatic factors in peptic ulcers; experimental study..... 997

Bile duct, choledochogastrostomy for scar tissue obstruction of common duct..... 447

Bilirubin in effusions in joints; method of estimation and significance..... 17

Bladder exstrophy 540
leukoplakia 540
pancreatic bladder in domestic cat..... 305
rupture 541
tumor 536

Blalock, A.: Distribution of blood in shock; oxygen content of venous blood from different localities in shock produced by hemorrhage, histamine and trauma. 26

Blalock, A.—Continued PAGE
Experimental shock; cause of low blood pressure produced by muscle injury... 959

Blood calcium level, effect of bone transplantation on 353
in shock; oxygen content of venous blood from different localities in shock produced by hemorrhage, histamine and trauma 26
pressure; experimental shock; cause of low blood pressure produced by muscle injury..... 959

Bloodgood, J. C.: Ewing's sarcoma; small round cell sarcoma of bone..... 246

Bones and joints, neuropathies of; report of case of arthropathy of ankle due to peripheral nerve injury..... 614
Ewing's sarcoma; small round cell sarcoma of bone..... 246
Ewing's tumor, nature of..... 421
growth, experiments with foreign materials to stimulate epiphyseal growth of long bones.....1054
nutritional and metabolic disturbances of 166, 1034
resorption; consideration of underlying processes particularly in pathologic conditions 355
transplantation, effect of, on blood calcium level 353
transplanted, viability of..... 353
tuberculosis 167, 1038
tumors 167, 1043
vessel canals in normal bone.....1055

Bradburn, H.: Blood in shock; oxygen content of venous blood from different localities in shock produced by hemorrhage, histamine and trauma..... 26

Brain, traumatic pneumocephalus; report of 8 cases 935

Breast, cancer of male breast, follow-up data 173
carcinoma, gelatinous 569
chronic cystic mastitis; nature of process 515
cystic cirrhosis of..... 473

Bronchiectasis, phrenicectomy in..... 175
treatment by multiple stage lobectomy; report of 2 cases..... 767

Brown, L. T.: Fortieth report on orthopedic surgery 163, 338
Forty-first report of progress in orthopedic surgery.....1033

Bucholz, C. H.: Fortieth report on orthopedic surgery.....163, 338
Forty-first report of progress in orthopedic surgery 1033

Byford, W. H.: Spontaneous rupture of normal spleen..... 232

Calculi: See under Kidney; Prostate

Cancer: See also Adenoma; Hemangioma; Sarcoma; Teratoma; Tumor
gelatinous carcinoma of breast..... 569

Cancer—Continued PAGE
of large bowel not including rectum and rectosigmoid; choice of operative procedure 491
of male breast, follow-up data on..... 173
of prostate..... 695
Carbohydrate metabolism, effect of isolation of tail of pancreas on..... 866
Carcinoma: See Cancer
Caries of petrous apex in relation to localized bulbar cisterna (pontile) meningitis, facial pain and sixth nerve paralysis 386
Cartilage, autogenous free cartilage transplanted into joints; experimental study 885
Cave, E. F.: Fortieth report on orthopedic surgery 163, 338
Forty-first report of progress in orthopedic surgery 1033
Cecum, inflammatory cecal tumors; diagnosis of types of obscure etiology..... 832
Cheatle, G. L.: Gelatinous carcinoma of breast 569
Choledochogastrostomy for scar tissue obstruction of common duct..... 447
Choroid plexus, papillomas of; report of 2 cases, 1 with removal of tumor at operation and 1 with "seeding" of tumor in ventricular system..... 199
Club Foot: See under Foot
Cohn, L.: Tumors of orbit..... 906
Contracture, Dupuytren's..... 339
Copeland, M. M.: Ewing's sarcoma; small round cell sarcoma of bone..... 246
Nature of Ewing's tumor..... 421
Recurrent and so-called metastatic giant cell tumor..... 713
Corylios, P. N.: Treatment of bronchiectasis—multiple stage lobectomy; report of 2 cases..... 767
Coxa Vara: See under Hip
Cranium fracture, pneumocephalus following; report of 8 cases..... 933
Crutch, occlusion of axillary artery due to pressure by 314
Cutler, M.: Gelatinous carcinoma of breast 569
Cutting, R. A.: Comparative value of splanchnic and spinal analgesia in treatment of experimental ileus..... 802
Cyst, cystic cirrhosis of breast..... 473

Dandy, W. E.: Operation for treatment of spasmodic torticollis.....1021
Danforth, M. S.: Fortieth report on orthopedic surgery 163, 338
Forty-first report of progress in orthopedic surgery 1033
Davis, G. G.: Spinal cord injury..... 145
Davis, J. S.: Primary intramuscular hemangiomas of striated muscle..... 39
Delbet's plaster splint for fractures of leg..1051
de Takats, G.: Correlations of internal and external pancreatic secretion; effect of isolation of tail of pancreas on carbohydrate metabolism..... 866

PAGE
Diaphragm, adhesions.....1016
Dislocation, congenital, of hip..... 163
progress in orthopedic surgery.....352, 1051
Donnelly, J. L.: Effects of certain operations on esophagus of dog, including esophageal obstruction and complete esophageal fistula 1
Dragstedt, L. R.: Liver autolysis in vivo.. 8
Dupuytrens contracture..... 339
Dysostosis, cleidocranial.....1033

Eagleton, W. P.: Localized bulbar cisterna (pontile) meningitis, facial pain and sixth nerve paralysis and their relation to caries of petrous apex..... 386
Edema, experimental lymphedema..... 543
Effusions in joints, bilirubin in; method of estimation and significance..... 17
Elephantiasis, recognition of elephantiasis and of elephantoid conditions by soft tissue roentgenograms with report on problem of experimental lymphedema.. 543
Ellis, J. C.: Liver autolysis in vivo..... 8
Elman, R.: Cause of death following rapidly the total loss of pancreatic juice 333
Embolism, pulmonary, after urologic operations 711
Esophagus, effects of certain operation on dogs, including esophageal obstruction and complete esophageal fistula..... 1
Everett, H. S.: Tuberculous peritonitis; statistical and clinical study of 187 cases 664
Ewing's sarcoma 246
tumor, nature of..... 421
Exercise, muscular, physiology of..... 171

Face, pain; localized bulbar cisterna (pontile) meningitis, facial pain and sixth nerve paralysis and their relation to caries of petrous apex..... 386
Faulkner, R. L.: Tuberculous peritonitis; statistical and clinical study of 187 cases 664
Femur, importance of vessels in round ligament to head of..... 354
pathologic dislocations..... 340
Fender, F. A.: Cause of death in uncomplicated high intestinal obstruction; experimental evidence to show that death is not due to toxemia but to loss of digestive fluids and salts..... 897
Foot, club..... 163
normal 166
pes valgus staticus.....1057
Foulds, G. S.: Review of urologic surgery 522, 691
Fractures, effect of thymus on consolidation of..... 354
of joint, occupational therapy in treatment of..... 851
progress in orthopedic surgery.....347, 1046
treatment for fractures of leg by Delbet's plaster splint 1051

PAGE

Gage, I. M.: Comparative value of splanchnic and spinal analgesia in treatment of experimental ileus..... 802

Gallbladder, emptying of gallbladder following restoration from acute experimental cholecystitis 756

Ganglionectomy, cervical sympathetic, and thoracic sympathetic cardiac nerves in man 607

Genital prolapse following total hysterectomy; successful operative procedure.. 637
tuberculosis in males..... 700

Geschickter, C. F.: Ewing's sarcoma; small round cell sarcoma of bone..... 246
Nature of Ewing's tumor..... 421
Recurrent and so-called metastatic giant cell tumor 713

Ghormley, R. K.: Fortieth report on orthopedic surgery.....163, 338
Forty-first report of progress in orthopedic surgery 1033

Goiter, goitrous enlargement of thyroid gland due to amyloidosis..... 762
management of the poor surgical risk... 591

Goldzieher, M. A.: Cystic cirrhosis of breast 473

Grier, J. P.: Multiple malignant adenomas of kidney 240

Hand, injuries of..... 338

Hannett, F.: Correlation of internal and external pancreatic secretion; effect of isolation of tail of pancreas on carbohydrate metabolism 866

Harbin, M.: Autogenous free cartilage transplanted into joints; experimental study 885

Hartmann, A. F.: Cause of death following rapidly the total loss of pancreatic juice 333

Head, J. R.: Diaphragmatic adhesions....1016

Heart, thoracic sympathetic cardiac nerves in man; their relation to cervical sympathetic ganglionectomy..... 607

Hemangiomas, primary intramuscular of striated muscle..... 39

Hematuria, essential..... 533

Henderson, D.: Correlations of internal and external pancreatic secretion; effect of isolation of tail of pancreas on carbohydrate metabolism..... 866

Higgins, G. M.: Emptying of gallbladder following restoration from acute experimental cholecystitis..... 756
Pancreatic bladder in domestic cat; report of case..... 305

Hinton, J. W.: Choledochogastrostomy for scar tissue obstruction of common duct 447
Occupational therapy in treatment of fracture of joint..... 851

Hip, congenital dislocation of.....163, 1033
extra-articular fusion of..... 344
morbus coxae senilis.....1056
operative correction of coxa vara.....1045
operative surgery of..... 87
reduction of dislocations under nerve block anesthesia.....1052
snapping, bilateral..... 341

PAGE

Humerus, fracture of internal epicondyle of humerus with displacement into elbow joint.....1047

Hunter, W. C.: Goitrous enlargement of thyroid gland due to amyloidosis..... 762

Hydronephrosis 529

Hyperthyroidism: See under Thyroid

Hysterectomy: See Uterus, excision

Ileum: See under Intestine

Ileus: See under Intestine

Infection, focal, in spondylitis deformans.. 159
influence of irradiation on resistance to..1053
pyogenic, and other.....168, 1041

Ingleby, H.: Chronic cystic mastitis..... 515

Intestine, carcinoma of large bowel not including rectum and rectosigmoid; choice of operative procedure..... 491
chronic idiopathic duodenal ileus associated with hyperthyroidism; report of cases, one with anatomic observations. 643
comparative value of splanchnic and spinal analgesia in treatment of experimental ileus..... 802
obstruction, cause of death in uncomplicated high intestinal obstruction; experimental evidence to show that death is not due to toxemia but to loss of digestive fluids and salts..... 897
Irradiation, influence on resistance to infection 1053

Jacobs, M. F.: Inflammatory cecal tumors; diagnosis of types of obscure etiology 832

Jaffe, H. L., Resorption of bone; consideration of underlying processes particularly in pathologic conditions..... 355

Jaw, diseases of temperomandibular joint..1055

Jobling, J. W.: Biliary and hepatic factors in peptic ulcers; experimental study... 997

Joints and bones, neuropathieis of; report of case of arthropathy of ankle due to peripheral nerve injury..... 614
arthropathy of ankle due to peripheral nerve injury..... 614
autogenous free cartilage transplanted into joints; experimental study..... 885
bilirubin in effusions in; method of estimation and significance..... 17
fracture, occupational therapy in treatment of..... 851
intra-articular pressure and absorbing power of joints.....1053
subastragalar arthrodesis..... 347
tuberculosis 167, 1038

Judd, E. S.: Multiple malignant adenomas of kidney..... 240
Review of urologic surgery.....522, 691

Kaldor, J.: Cystic cirrhosis of breast..... 473

Keyser, L. D.: Review of urologic surgery 522, 691

Kidney, actinomycosis of..... 532
adenomas, multiple, malignant..... 240
anomalies 522
calculi 523
hyperplasia 532
tuberculosis 529
tumors 527

PAGE

Kitlowski, E. A.: Primary intramuscular hemangiomas of striated muscle..... 39

Kling, D. H.: Bilirubin in effusions of joints; method of estimation and significance 17

Knee joint, fat in traumatic effusions of... 341
posterior capsuloplasty in certain flexion contractures of..... 346
resection of semilunar cartilage of, late results of 345

Kuhns, J. G.: Fortieth report on orthopedic surgery 163, 338
Forty-first report of progress in orthopedic surgery 1033

Kuntz, A.: Thoracic sympathetic cardiac nerves in man; their relation to cervical sympathetic ganglionectomy..... 607

Kutzmann, A. A.: Review of urologic surgery 522 691

Leg, lengthening of..... 346

Leukoplakia of bladder..... 540

Liver abscess; suppuration in subphrenic region with reference to primary idiopathic liver and subphrenic abscess.. 317
autolysis in vivo..... 8

Lobectomy: See under Lung

Lung diseases, phrenicectomy in; analysis of 63 cases..... 175
multiple stage lobectomy in bronchiectasis 767

Lymphedema, experimental, problem of... 543

McWhorter, G. L.: Chronic idiopathic duodenal ileus associated with hyperthyroidism; report of cases, one with anatomic observations..... 643

Massage as therapeutic agent..... 342

Mastitis: See under Breast

Meherin, J. M.: Ischiorectal prostatectomy 437

Meningitis, localized bulbar cisterna (pontile) meningitis, facial pain and sixth nerve paralysis and their relation to caries of petrous apex..... 386

Moore, J. A.: Phrenicectomy in pulmonary diseases; analysis of 63 cases..... 175

Morehouse, A.: Thoracic sympathetic cardiac nerves in man; their relation to cervical sympathetic ganglionectomy 607

Moritz, A. R.: Autogenous free cartilage transplanted into joints; experimental study 885

Morton, C. B.: Hypertonicity with hypertrophy of pylorus in adults; surgical aspects 508

Murphy, G. T.: Emptying of gallbladder following restoration from acute experimental cholecystitis..... 756

Muscle, striated, primary intramuscular hemangiomas of..... 39

Nachlas, I. W.: Focal infection in spondylitis deformans 159

Nail, transplantation of thumb nail..... 343

Nerve, peripheral, arthropathy of ankle due to injury of peripheral nerve..... 614

Nerve—Continued PAGE
thoracic sympathetic cardiac nerves in man; their relation to cervical sympathetic ganglionectomy..... 607

Nervous system, disorders of..... 170

Neuropathies of bones and joints..... 614

Occupational therapy in treatment of fracture of joint..... 851

Ochsner, A.: Comparative value of splanchnic and spinal analgesia in treatment of experimental ileus..... 802

Orbit, tumors of..... 906

Orthopedic surgery, fortieth report on..163, 338
forty-first report of progress in.....1033

Osteotomy, longitudinal..... 342

Oxygen content of venous blood from different localities in shock produced by hemorrhage, histamine and trauma.... 26

Padgett, E. C.: Repair of cleft palates after unsuccessful operations especially cases with extensive loss of palatal tissue..... 453

Palate, cleft, repair of, after unsuccessful operations, especially cases with extensive loss of palatal tissue..... 453

Pancreas, cause of death following rapidly the total loss of pancreatic fluid..... 333
correlation of internal and external pancreatic secretion; effect of isolation of tail of pancreas on carbohydrate metabolism 866
pancreatic bladder in domestic cat..... 305

Papillomas of choroid plexus; report of 2 cases, 1 with removal of tumor at operation and 1 with "seeding" of tumor in ventricular system..... 199

Paralysis, sixth nerve; localized bulbar cisterna (pontile) meningitis, facial pain and sixth nerve paralysis and their relation to caries of petrous apex 386

Payne, R. L.: Genital prolapse following total hysterectomy; a successful operative procedure..... 637

Pelvis, fixed obliquity of.....1055
fractures, injuries complicating.....1050

Pemberton, J.DeJ.: Goiter: management of the poor surgical risk..... 591

Peptic ulcers, biliary and hepatic factors in 997

Peritonitis, tuberculous; statistical and clinical study of 187 cases..... 664

Perkins, G.: Fortieth report on orthopedic surgery 163, 338
Forty-first report of progress in orthopedic surgery 1033

Petrous apex, caries of, in relation to localized bulbar cisterna (pontile) meningitis, facial pain and sixth nerve paralysis 386

Phrenicectomy in pulmonary diseases; analysis of 63 cases..... 175

Platt, H.: Occlusion of axillary artery due to pressure by a crutch; report of 2 cases 314

Pneumocephalus, traumatic; report of 8 cases 935

PAGE

Poliomyelitis 1040
Prostate calculi 698
cancer 695
hypertrophy 691
infections 697
Prostatectomy, ischiorectal..... 437
Pyelography 710
Pylorus, hypertonicity with hypertrophy of pylorus in adults; surgical aspects.. 508
Pyogenic infections.....168, 1041

Rand, C. W.: Traumatic pneumocephalus; report of 8 cases..... 935
Reichert, F. L.: Recognition of elephantiasis and of elephantoid conditions by soft tissue roentgenograms with report on problem of experimental lymphedema 543
Rodman, J. S.: Chronic cystic mastitis; preliminary report on nature of process 515

Sacro-iliac joint combined fusion of both lumbosacral and..... 343
Sarcoma, Ewing's, nature of..... 421
Ewing's; small round cell sarcoma of bone 246
Scaphoid bone, carpal, fracture of.....1048
Scholl, A. J.: Review of urologic surgery 522, 691
Schwartz, J.: Suppuration in subphrenic region with reference to primary idiopathic liver and subphrenic abscess... 317
Sciatica 1036, 1044
Scoliosis: See Spine, curvature
Seabrook, D. B.: Goitrous enlargement of thyroid gland due to amyloidosis... 762
Seitz, I. J.: Correlations of internal and external pancreatic secretion; effect of isolation of tail of pancreas on carbohydrate metabolism..... 866
Semilunar bone, dislocations of.....1031
cartilages, cysts of.....1037
Seminal vesiculitis..... 701
Shands, A. R., Jr.: Neuropathies of bones and joints; report of a case of arthropathy of ankle due to peripheral nerve lesion 614
Shock, blood in; oxygen content of venous blood from different localities in shock produced by hemorrhage, histamine and trauma 26
experimental; cause of low blood pressure produced by muscle injury..... 959
Shoulder, painful..... 171
Smith-Petersen, M. N.: Fortieth report on orthopedic surgery.....163, 338
Forty-first report of progress in orthopedic surgery.....1033
Spina bifida occulta urinary symptoms.... 710
Spinal cord injury..... 145
Spine, anatomic variations..... 164
cervical, fracture-dislocations of.....1049
curvature 1035

Spine—Continued PAGE
pathologic lesions of..... 165
spinal fusion operations for pain in lower part of back and for sciatic pain.....1044
vertebral fractures without spinal deformity and without lesions of spinal cord 1049
Spleen, spontaneous rupture of normal spleen 232
Spondylitis deformans, focal infection in.. 159
Subphrenic region, suppuration in, with reference to primary idiopathic liver and subphrenic abscess..... 317
Synovectomy in chronic arthritis..... 345
present status of.....1058

Teratoma, teratoid tumor of testis..... 698
Testicle, teratoid tumors of testis..... 698
Thomas splint, fitting ring of.....1057
Thrombo-angiitis obliterans.....1043
Thumb nail, transplantation of..... 343
operative substitution of..... 342
Thymus, effect of, on consolidation of fractures 354
Thyroid: See also Goiter
chronic idiopathic duodenal ileus associated with hyperthyroidism; report of cases, one with anatomic observations 643
Tibia, eburnation of..... 341
Torticollis 1033
operation for treatment of spasmodic torticollis 1021
Tuberculosis 167
of bones and joints.....1038
of genitals in male..... 700
pulmonary, phrenicectomy in..... 175
renal 529
Tumors: See also Cancer and under names of tumors
inflammatory cecal tumors; diagnosis of types of obscure etiology..... 832
of bladder..... 536
of bones.....167, 1043
of kidney..... 527
of orbit 906
of ureter..... 533
recurrent and so-called metastatic giant cell tumor..... 713

Ulcers, peptic, biliary and hepatic factors in 997
Ureter, anastomosis..... 535
reflex 535
stricture 534
transplantation 534
tumor 533
Urethra rupture..... 701
verumontanum changes..... 703
Urinary Tract infections..... 707
Urine, urinary extravasation..... 709
Urologic surgery, review of.....522, 691
Uterus, excision; successful operative procedure for genital proplapse following. 637

Van Dessel, A.: Fortieth report on orthopedic surgery.....163, 338

Van Dessel, A.—Continued PAGE
Forty-first report of progress in orthopedic surgery....1033
Van Wagenen, W. P.: Papillomas of chorold plexus; report of 2 cases, 1 with removal of tumor at operation and 1 with "seeding" of tumor in ventricular system.... 199
Verbrugge, J.: Review of urologic surgery 322, 691
Verumontanum: See under Urethra
Viosterol, effects of....1034
Voris, H. C.: Spinal cord injury.... 145

Wainwright, J. M.: Carcinoma of male breast 173

PAGE
White, J. C.: Cause of death in uncomplicated high intestinal obstruction; experimental evidence to show that death is not due to toxemia but to loss of digestive fluids and salts.... 897
Wilhelmj, C. M.: Pancreatic bladder in domestic cat; report of case.... 305
Wilson, P. D.: Fortieth report on orthopedic surgery....163, 338
Forty-first report of progress in orthopedic surgery....1033
Wrist, lesions of ulnar nerve in injuries of.1048
Wry Neck: See Torticollis